

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/07464

**A. CLASSIFICATION OF SUBJECT MATTER**  
Int.Cl' C08F220/22, D21H19/20, D21H21/16

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl' C08F220/22-220/38, D21H19/20, D21H21/16

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
CA (STN), REGISTRY (STN)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 56-131612 A (PCUK Produits Chimiques Ugine Kuhlmann), 15 October, 1981 (15.10.81), Full text & EP 34527 A1 & US 4366299 A	1-22

 Further documents are listed in the continuation of Box C. See patent family annex.

- \* Special categories of cited documents:
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Date of the actual completion of the international search  
17 July, 2003 (17.07.03)Date of mailing of the international search report  
05 August, 2003 (05.08.03)Name and mailing address of the ISA/  
Japanese Patent Office

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